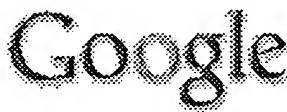


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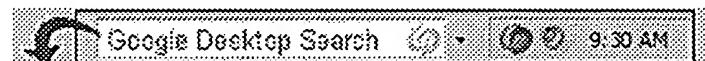
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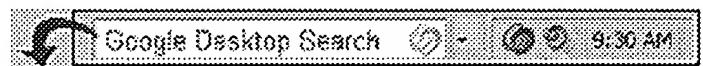
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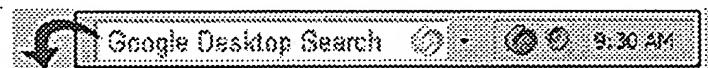
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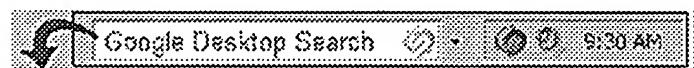
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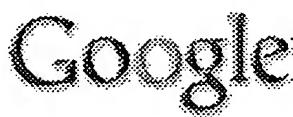
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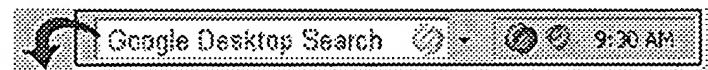
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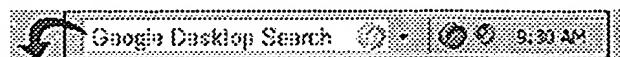
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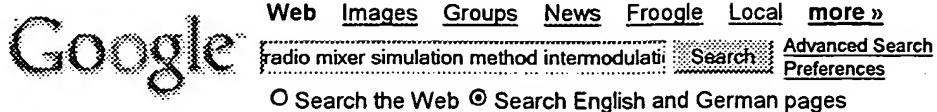
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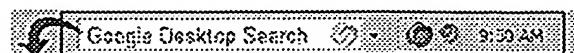
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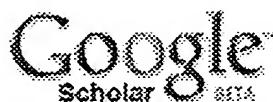
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Guofu Niu; Cressler, J.D.; Webster, C.S.; Joseph, A.J.; Harame, D.L.;  
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- 3. Intermodulation characteristics of UHV/CVD SiGe HBTs  
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5. **Analysis and Design of Wide-Band SiGe HBT Active Mixers**

Johansen, T.K.; Vidkjaer, J.; Krozer, V.;  
 Microwave Theory and Techniques, IEEE Transactions on  
 Volume 53, Issue 7, July 2005 Page(s):2389 - 2397

[AbstractPlus](#) | [Full Text: PDF\(472 KB\)](#) [IEEE JNL](#)

6. **Steady-state analysis of multitone nonlinear circuits in wavelet domain**

Soveiko, N.; Nakhla, M.S.;  
 Microwave Theory and Techniques, IEEE Transactions on  
 Volume 52, Issue 3, March 2004 Page(s):785 - 797

[AbstractPlus](#) | [References](#) | [Full Text: PDF\(552 KB\)](#) [IEEE JNL](#)

7. **Two-dimensional semiconductor device simulation of trap-assisted generation-recombination noise under periodic large-signal conditions and its use for developing cyclostationary circuit simulation models**

Sanchez, J.E.; Bosman, G.; Law, M.E.;  
 Electron Devices, IEEE Transactions on  
 Volume 50, Issue 5, May 2003 Page(s):1353 - 1362

[AbstractPlus](#) | [References](#) | [Full Text: PDF\(1955 KB\)](#) [IEEE JNL](#)

8. **Symbolic modeling of periodically time-varying systems using harmonic transfer matrices**

Vanassche, P.; Gielen, G.; Sansen, W.;  
 Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on  
 Volume 21, Issue 9, Sept. 2002 Page(s):1011 - 1024

[AbstractPlus](#) | [References](#) | [Full Text: PDF\(455 KB\)](#) [IEEE JNL](#)

- 9. **Harmonic-balance analysis of multitone autonomous nonlinear microwave circuits**  
Rizzoli, V.; Neri, A.;  
Microwave Symposium Digest, 1991., IEEE MTT-S International  
10-14 June 1991 Page(s):107 - 110 vol.1  
[AbstractPlus](#) | Full Text: [PDF\(348 KB\)](#) IEEE CNF
  
- 10. **The application of function reconfiguration for digital fly-by-wire flight control system**  
Pei Ying; Li Peiqiong; Yao Yiping;  
Digital Avionics Systems Conference, 1998. Proceedings., 17th DASC. The AIAA/IEEE/SAE  
Volume 1, 31 Oct.-7 Nov. 1998 Page(s):B43/1 - B43/6 vol.1  
[AbstractPlus](#) | Full Text: [PDF\(380 KB\)](#) IEEE CNF
  
- 11. **A monolithic active conical horn antenna arrays for millimeter and sub-millimeter wave applications**  
Douvalis, V.; Hao, Y.;  
Antennas and Propagation Society Symposium, 2004. IEEE  
Volume 1, 20-25 June 2004 Page(s):567 - 570 Vol.1  
[AbstractPlus](#) | Full Text: [PDF\(334 KB\)](#) IEEE CNF

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- 1. Response analysis of an industrial mixer drive subjected to voltage sags. Part I. Modeling and simulation results**  
 Nobayolu, N.S.; Collins, E.R., Jr.;  
 Harmonics and Quality of Power, 2004. 11th International Conference on  
 12-15 Sept. 2004 Page(s):312 - 317  
[Abstract](#) | [Full Text: PDF\(719 KB\)](#) [IEEE CNF](#)
- 2. Non-linear modelling and design of microwave mixers**  
 Sobhy, M.I.; Bassirato, F.;  
 Microwave Symposium Digest, 1988., IEEE MTT-S International  
 25-27 May 1988 Page(s):1111 - 1114 vol.2  
[Abstract](#) | [Full Text: PDF\(172 KB\)](#) [IEEE CNF](#)
- 3. Simulation of the superconducting quasiparticle mixer using a five-port model**  
 Tong, C.-Y.E.; Blundell, R.;  
 Microwave Theory and Techniques, IEEE Transactions on  
 Volume 38, Issue 10, Oct. 1990 Page(s):1391 - 1398  
[Abstract](#) | [Full Text: PDF\(692 KB\)](#) [IEEE JNL](#)
- 4. Gate-controlled lateral PNP BJT: characteristics, modeling and circuit applications**  
 Zhixin Yan; Deen, M.J.; Malhi, D.S.;  
 Electron Devices, IEEE Transactions on  
 Volume 44, Issue 1, Jan. 1997 Page(s):118 - 128  
[Abstract](#) | [Full Text: PDF\(428 KB\)](#) [IEEE JNL](#)
- 5. Behavioral models for noise in bipolar and MOSFET mixers**  
 Yutao Hu; Mayaram, K.;  
 Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on [see also Circuits and Systems II: Express Briefs, IEEE Transactions on]  
 Volume 46, Issue 10, Oct. 1999 Page(s):1289 - 1300  
[Abstract](#) | [Full Text: PDF\(352 KB\)](#) [IEEE JNL](#)
- 6. Intermodulation distortion in current-commutating CMOS mixers**  
 Terrovitis, M.T.; Meyer, R.G.;  
 Solid-State Circuits, IEEE Journal of  
 Volume 35, Issue 10, Oct. 2000 Page(s):1461 - 1473  
[Abstract](#) | [Full Text: PDF\(496 KB\)](#) [IEEE JNL](#)
- 7. Analysis and white-box modeling of weakly nonlinear time-varying circuits**  
 Dobrovolny, P.; Vandersteen, G.; Wambacq, P.; Donnay, S.;  
 Design, Automation and Test in Europe Conference and Exhibition, 2003  
 2003 Page(s):624 - 629  
[Abstract](#) | [Full Text: PDF\(294 KB\)](#) [IEEE CNF](#)
- 8. Design of SiGe/Si heterojunction bipolar transistor for RF mixer application**  
 You-Lin Wu; Yin-Hsin, H.; Tian-Shuan, L.; Huey-Liang Hwang;  
 Solid-State and Integrated-Circuit Technology, 2001. Proceedings. 6th International Conference on  
 Volume 1, 22-25 Oct. 2001 Page(s):230 - 235 vol.1  
[Abstract](#) | [Full Text: PDF\(333 KB\)](#) [IEEE CNF](#)

- 9. A nonlinear HEMT model for the design of frequency doubler and mixer circuits**  
Hollmann, D.; Baumann, G.; Heilig, R.; Schlechtweg, M.;  
Integrated Nonlinear Microwave and Millimeterwave Circuits, 1994. Third International Workshop on  
5-7 Oct. 1994 Page(s):139 - 144  
[Abstract](#) | Full Text: [PDF\(424 KB\)](#) [IEEE CNF](#)
- 10. Large-signal time-domain simulation of HEMT mixers**  
Wang, G.-W.; Ichitsubo, I.; Ku, W.H.; Chen, Y.-K.; Eastman, L.F.;  
Microwave Theory and Techniques, IEEE Transactions on  
Volume 36, Issue 4, April 1988 Page(s):756 - 759  
[Abstract](#) | Full Text: [PDF\(336 KB\)](#) [IEEE JNL](#)
- 11. Model-order reduction of linear and weakly nonlinear time-varying RF and microwave circuits**  
Casas, F.J.; Portilla, J.; Quere, R.; Mallet, A.; Villemazet, J.F.;  
Microwave Theory and Techniques, IEEE Transactions on  
Volume 52, Issue 9, Sept. 2004 Page(s):2262 - 2273  
[Abstract](#) | Full Text: [PDF\(376 KB\)](#) [IEEE JNL](#)
- 12. Experimental investigation of the 'post mount' structure in waveguide-type SIS mixers**  
Shi, S.C.; Inatani, J.; Noguchi, T.; Sunada, K.;  
Microwaves, Antennas and Propagation, IEE Proceedings -  
Volume 142, Issue 4, Aug. 1995 Page(s):339 - 344  
[Abstract](#) | Full Text: [PDF\(392 KB\)](#) [IEE JNL](#)
- 13. Integrating an RTP mixer model into Opnet modeler**  
Bourgeois, J.; Sofiane, S.; Yeginath, S.B.;  
Distributed Frameworks for Multimedia Applications, 2005. DFMA '05. First International Conference on  
6-9 Feb. 2005 Page(s):106 - 112  
[Abstract](#) | Full Text: [PDF\(280 KB\)](#) [IEEE CNF](#)
- 14. A high-level VHDL-AMS model design methodology for analog RF LNA and mixer**  
Yang, W.; Carter, H.; Yan, J.;  
Behavioral Modeling and Simulation Conference, 2004. BMAS 2004. Proceedings of the 2004 IEEE  
International  
21-22 Oct. 2004 Page(s):125 - 129  
[Abstract](#) | Full Text: [PDF\(607 KB\)](#) [IEEE CNF](#)
- 15. Reduced-order modeling technique for weakly non-linear time-varying circuits with memory**  
Casas, F.J.; Portilla, J.; Quere, R.; Mallet, A.; Villemazet, J.F.;  
Microwave Conference, 2003. 33rd European  
Volume 3, 7-9 Oct. 2003 Page(s):1023 - 1026 Vol.3  
[Abstract](#) | Full Text: [PDF\(324 KB\)](#) [IEEE CNF](#)
- 16. A SiGe HEMT mixer IC with low conversion loss**  
Kalfass, I.; Gruson, F.; Abele, P.; Michelakis, K.; Hackbarth, T.; Hieber, K.-H.; Muller, J.; Schumacher, H.;  
Microwave Conference, 2003. 33rd European  
Volume 1, 7-9 Oct. 2003 Page(s):407 - 410 Vol.1  
[Abstract](#) | Full Text: [PDF\(371 KB\)](#) [IEEE CNF](#)
- 17. Influence of nonlinear MESFET models on the characterization of resistive mixers**  
Butkovic, Z.; Baric, A.;  
EUROCON 2003. Computer as a Tool. The IEEE Region 8  
Volume 1, 22-24 Sept. 2003 Page(s):138 - 141 vol.1  
[Abstract](#) | Full Text: [PDF\(267 KB\)](#) [IEEE CNF](#)
- 18. A frequency separation macromodel for system-level simulation of RF circuits**  
Xin Li; Peng Li; Yang Xu; Dimaggio, R.; Pileggi, L.;  
Design Automation Conference, 2003. Proceedings of the ASP-DAC 2003. Asia and South Pacific  
21-24 Jan. 2003 Page(s):891 - 896  
[Abstract](#) | Full Text: [PDF\(659 KB\)](#) [IEEE CNF](#)
- 19. VHDL-AMS extensions for frequency domain harmonic balance simulation**  
Serdyuk, G.; Goodman, D.;  
Microwave and Telecommunication Technology, 2001. CrMiCo 2001. 11th International Conference on  
2001 Page(s):108 - 111  
[Abstract](#) | Full Text: [PDF\(487 KB\)](#) [IEEE CNF](#)
- 20. Design principles for modeling and simulations of microwave circuits**  
Grama, A.; Hurgoi, F.; Chindris, G.; Pop, O.;  
Electronics Technology: Concurrent Engineering in Electronic Packaging, 2001. 24th International  
Spring Seminar on  
5-9 May 2001 Page(s):102 - 106

[Abstract](#) | Full Text: [PDF\(300 KB\)](#) IEEE CNF

- 21. Effect of model derivative discontinuities on cold FET distortion simulations**  
Webster, D.R.; Hutabarat, M.T.; Parker, A.E.; Haigh, D.G.;  
High Performance Electron Devices for Microwave and Optoelectronic Applications, 1997. EDMO. 1997  
Workshop on  
24-25 Nov. 1997 Page(s):97 - 102  
[Abstract](#) | Full Text: [PDF\(472 KB\)](#) IEEE CNF
- 22. Device simulation for RF applications**  
Dutton, R.W.; Troyanovsky, B.; Yu, Z.; Armborg, T.; Rotella, F.; Ma, G.; Sato-Iwanaga, J.;  
Electron Devices Meeting, 1997. Technical Digest., International  
7-10 Dec. 1997 Page(s):301 - 304  
[Abstract](#) | Full Text: [PDF\(572 KB\)](#) IEEE CNF
- 23. An overview of superconducting nonlinear-circuit simulation**  
Withington, S.; Kennedy, P.;  
Microwave Applications of High-Temperature Superconductors, IEE Colloquium on  
24 Oct 1989 Page(s):4/1 - 4/3  
[Abstract](#) | Full Text: [PDF\(152 KB\)](#) IEE CNF
- 24. 10-GHz Si bipolar amplifier and mixer ICs for coherent optical systems**  
Okamura, T.; Kurioka, C.; Kuraishi, Y.; Tsuzuki, O.; Senba, T.; Ushirozawa, M.; Fujimaru, M.;  
Solid-State Circuits, IEEE Journal of  
Volume 27, Issue 12, Dec. 1992 Page(s):1775 - 1780  
[Abstract](#) | Full Text: [PDF\(604 KB\)](#) IEEE JNL
- 25. Nonlinear model and measurement method for microwave mixers**  
Vandersteen, G.; Vander Vorst, A.;  
Microwave and Guided Wave Letters, IEEE [see also IEEE Microwave and Wireless Components  
Letters]  
Volume 3, Issue 5, May 1993 Page(s):133 - 135  
[Abstract](#) | Full Text: [PDF\(200 KB\)](#) IEEE JNL

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Microwave Theory and Techniques, IEEE Transactions on  
Volume 49, Issue 12, Dec. 2001 Page(s):2342 - 2349

[AbstractPlus](#) | [References](#) | [Full Text: PDF\(180 KB\)](#) [IEEE JNL](#)

2. **Electrically band-limited CSRZ signal with simple generation and large dispersion tolerance for 40-Gb/s WDM transmission systems**  
Dong-Soo Lee; Man Seop Lee; Yang Jing Wen; Nirmalathas, A.;  
Photonics Technology Letters, IEEE  
Volume 15, Issue 7, July 2003 Page(s):987 - 989

[AbstractPlus](#) | [References](#) | [Full Text: PDF\(254 KB\)](#) [IEEE JNL](#)

3. **MOSFET linearity performance degradation subject to drain and gate voltage stress**  
Chuanzhao Yu; Yuan, J.S.; Hong Yang;  
Device and Materials Reliability, IEEE Transactions on  
Volume 4, Issue 4, Dec. 2004 Page(s):681 - 689

[AbstractPlus](#) | [References](#) | [Full Text: PDF\(976 KB\)](#) [IEEE JNL](#)

4. **A high-level VHDL-AMS model design methodology for analog RF LNA and mixer**  
Yang, W.; Carter, H.; Yan, J.;  
Behavioral Modeling and Simulation Conference, 2004. BMAS 2004. Proceedings of the 2004 IEEE International  
21-22 Oct. 2004 Page(s):125 - 129

[AbstractPlus](#) | [Full Text: PDF\(607 KB\)](#) [IEEE CNF](#)

5. **A 900MHz low voltage low power highly linear mixer for direct-conversion receivers**  
Moon-Su Yang; Hye-Ryoung Kim; Sang-Gug Lee;  
Electronics, Circuits and Systems, 2003. ICECS 2003. Proceedings of the 2003 10th IEEE International Conference on  
Volume 3, 14-17 Dec. 2003 Page(s):974 - 977 Vol.3

[AbstractPlus](#) | [Full Text: PDF\(1423 KB\)](#) [IEEE CNF](#)

6. **A frequency separation macromodel for system-level simulation of RF circuits**  
Xin Li; Peng Li; Yang Xu; Dimaggio, R.; Pileggi, L.;  
Design Automation Conference, 2003. Proceedings of the ASP-DAC 2003. Asia and South Pacific  
21-24 Jan. 2003 Page(s):891 - 896

[AbstractPlus](#) | [Full Text: PDF\(659 KB\)](#) [IEEE CNF](#)

7. **Computer-aided design techniques for microwave monolithic integrated circuits**  
Sharma, A.K.; Wang, H.; Ton, N.; Aust, M.; Yonaki, J.; Shioi, J.; Dow, S.; Yang, D.; Liu, L.C.T.;  
Microwave Symposium Digest, 1990., IEEE MTT-S International  
8-10 May 1990 Page(s):555 - 558 vol.1

[AbstractPlus](#) | [Full Text: PDF\(272 KB\)](#) [IEEE CNF](#)
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